

FIG. 1

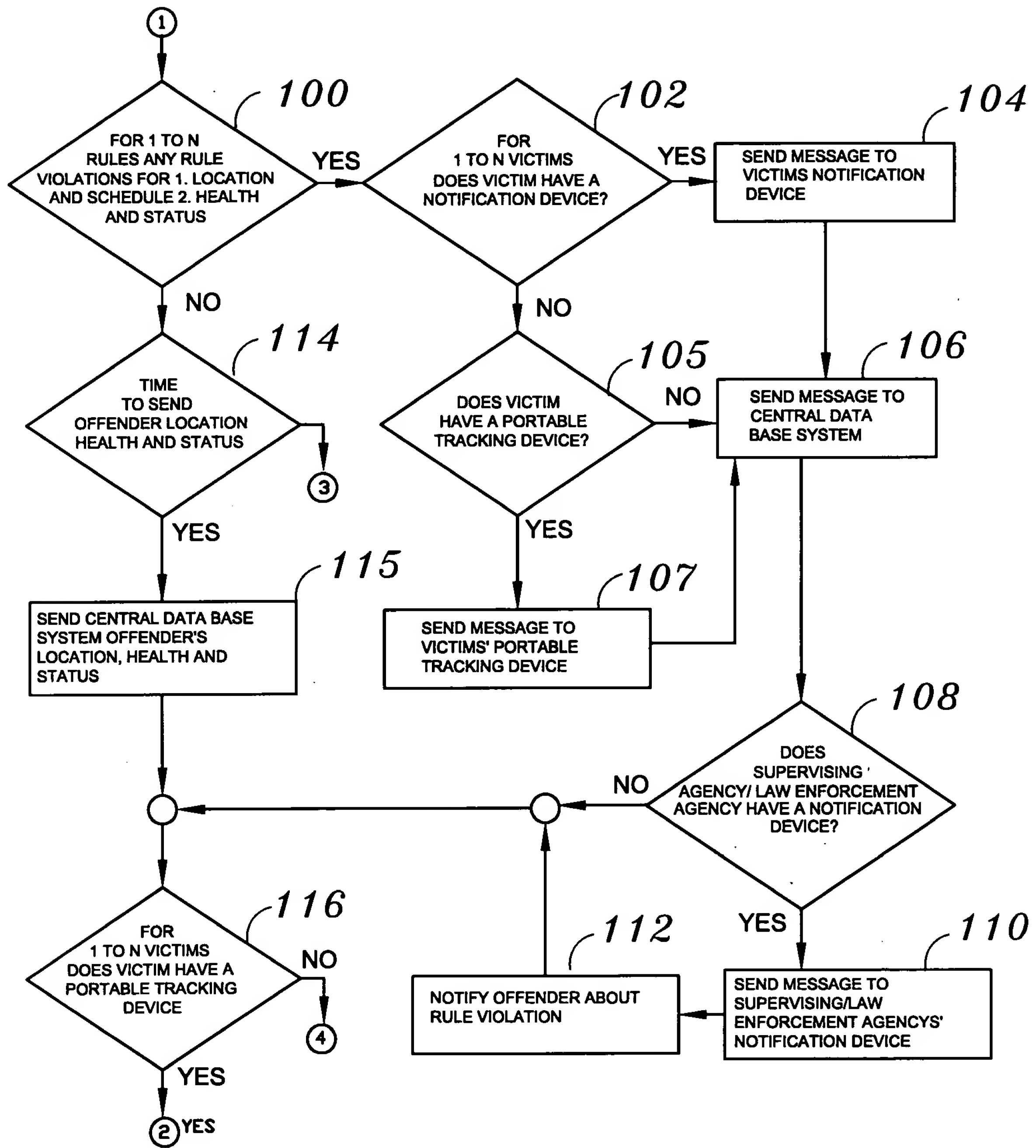


FIG. 2A

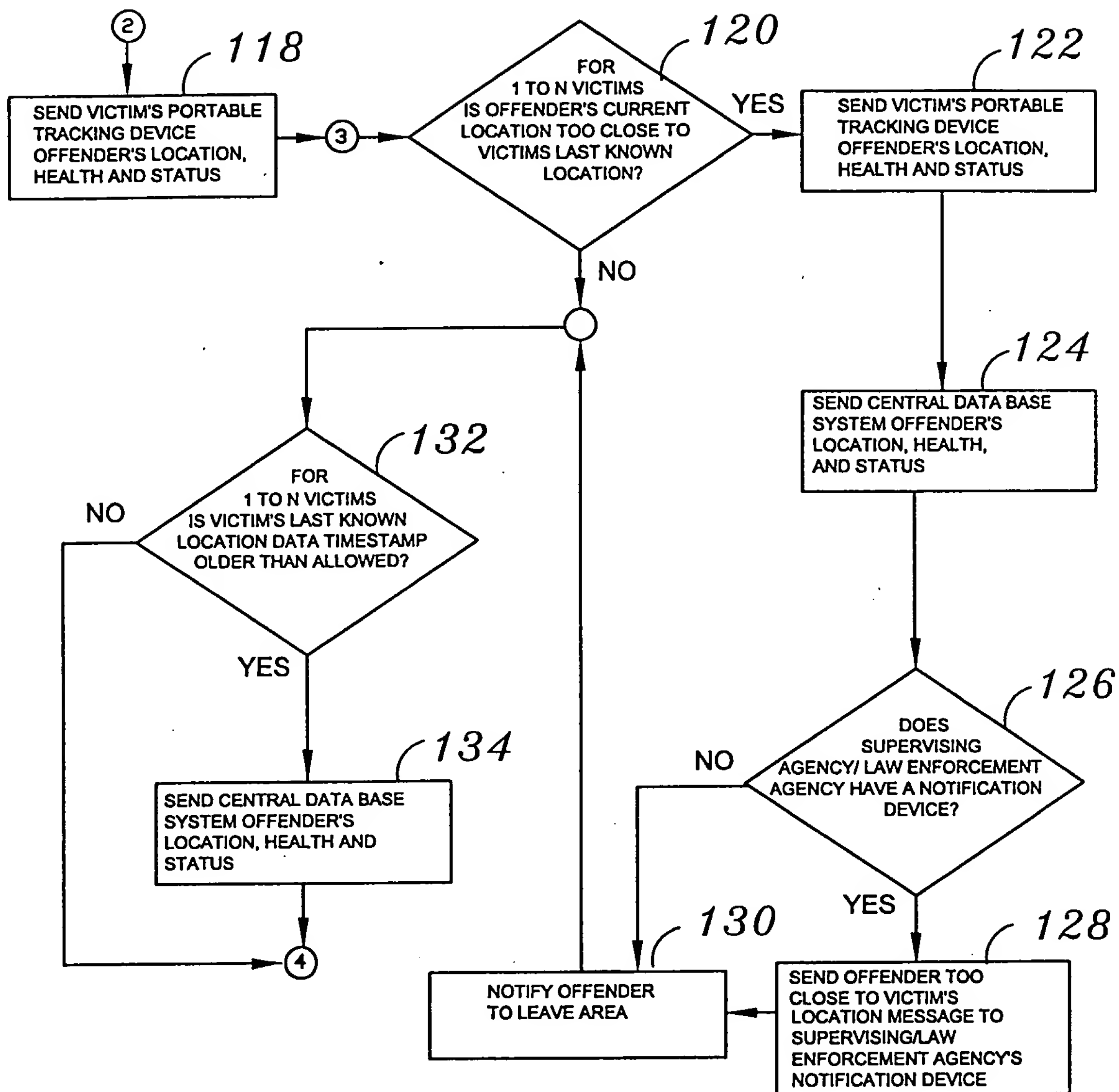


FIG. 2B

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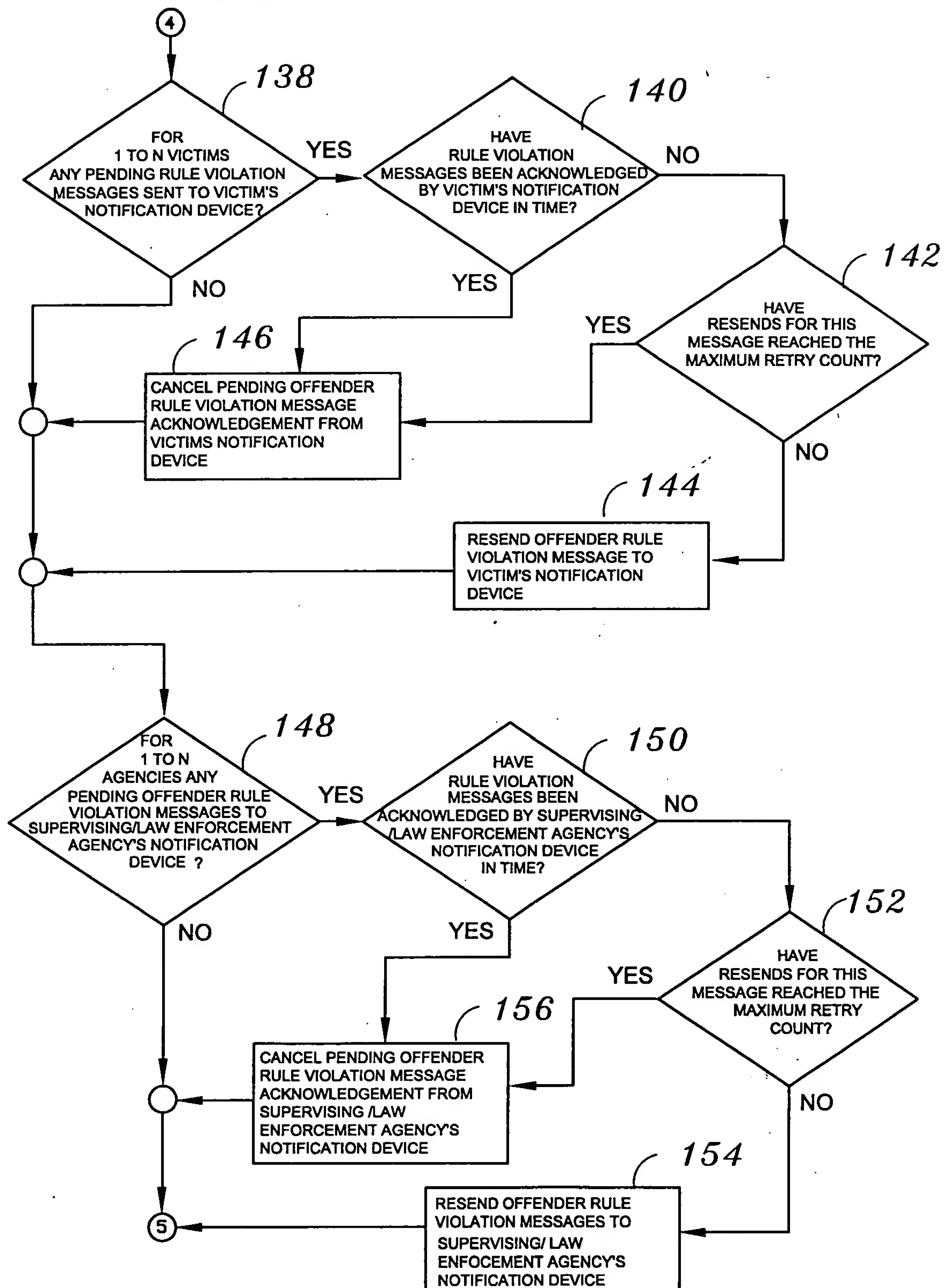


FIG. 2C

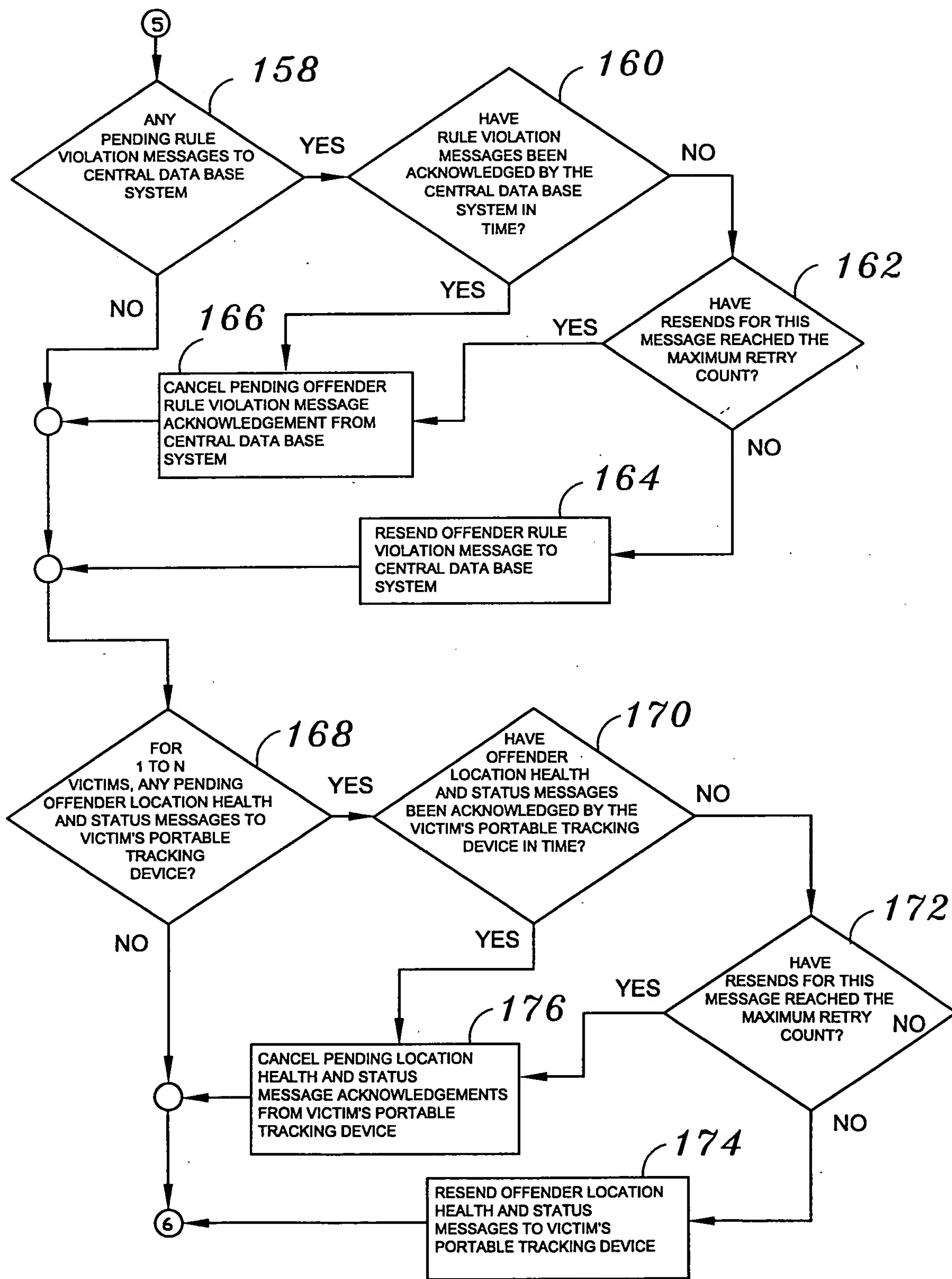


FIG. 2D

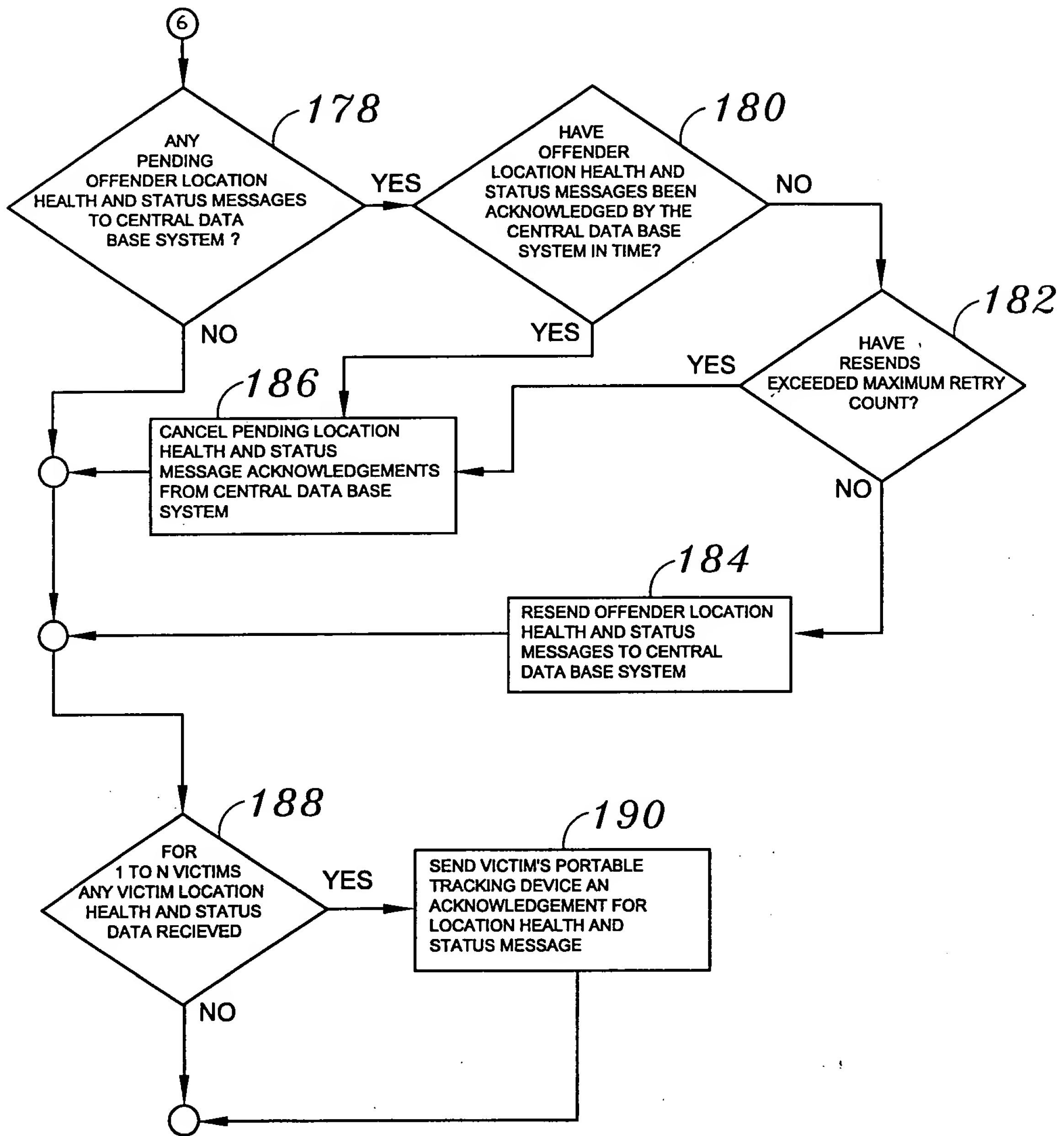
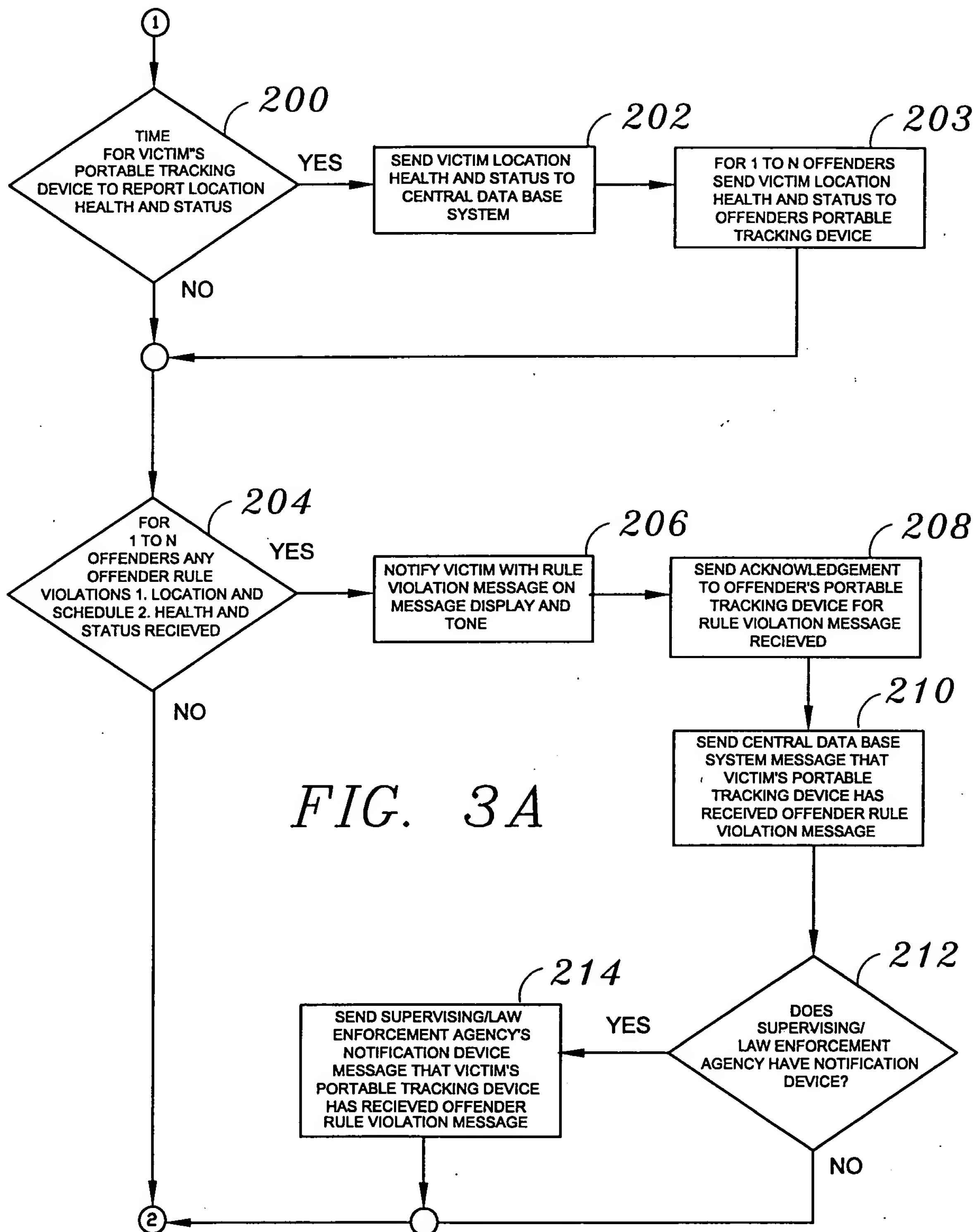


FIG. 2E



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graph TD
    Start((2)) --> D216{FOR 1 TO N  
OFFENDERS HAS  
OFFENDERS LOCATION  
HEALTH AND STATUS MESSAGE  
BEEN RECEIVED?}
    D216 -- YES --> D218{IS  
OFFENDER'S  
LOCATION TOO CLOSE  
TO VICTIM'S CURRENT  
LOCATION?}
    D216 -- NO --> D230{HAS  
MAXIMUM TIME  
ELAPSED FOR OFFENDER  
LOCATION, HEALTH  
AND STATUS}
    D218 -- YES --> P220[NOTIFY VICTIM WITH  
TONE AND TEXT MESSAGE  
WITH OFFENDER'S DISTANCE  
AND HEADING]
    D218 -- NO --> P228[SEND ACKNOWLEDGEMENT  
FOR OFFENDER LOCATION  
HEALTH AND STATUS  
MESSAGE]
    P220 --> P222[SEND OFFENDER TOO CLOSE  
MESSAGE TO CENTRAL DATA  
BASE SYSTEM]
    P222 --> D224{DOES  
SUPERVISING/  
LAW ENFORCEMENT  
AGENCY HAVE NOTIFICATION  
DEVICE?}
    D224 -- YES --> P226[SEND OFFENDER TOO CLOSE  
MESSAGE TO SUPERVISING/  
LAW ENFORCEMENT AGENCY'S  
NOTIFICATION DEVICE]
    D224 -- NO --> P228
    P228 --> D236{DOES  
SUPERVISING/  
LAW ENFORCEMENT  
AGENCY HAVE NOTIFICATION  
DEVICE?}
    P230[NOTIFY VICTIM WITH TONE  
AND CONTACT LOST OFFENDER  
WITH TEXT MESSAGE] --> P234[SEND VICTIM HAS LOST  
CONTACT WITH OFFENDER  
MESSAGE TO CENTRAL DATA  
BASE SYSTEM]
    P234 --> D236
    D236 -- YES --> P238[SEND VICTIM HAS LOST  
CONTACT WITH OFFENDER  
MESSAGE TO SUPERVISING/  
LAW ENFORCEMENT AGENCY'S  
NOTIFICATION DEVICE]
    D236 -- NO --> Join(( ))
    P226 --> Join
    P238 --> Join
    P228 --> Join
    Join --> End((3))

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FIG. 3B

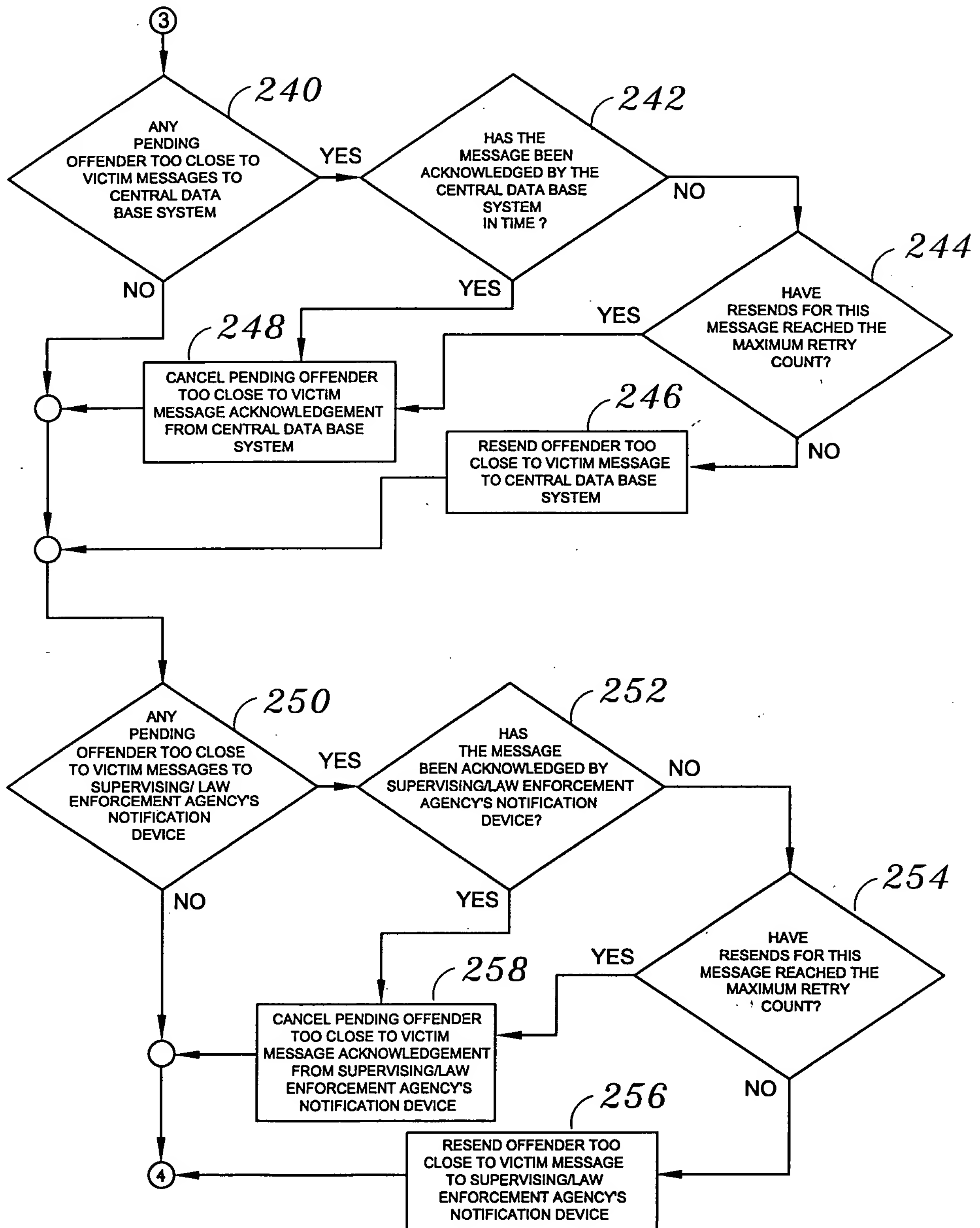


FIG. 3C

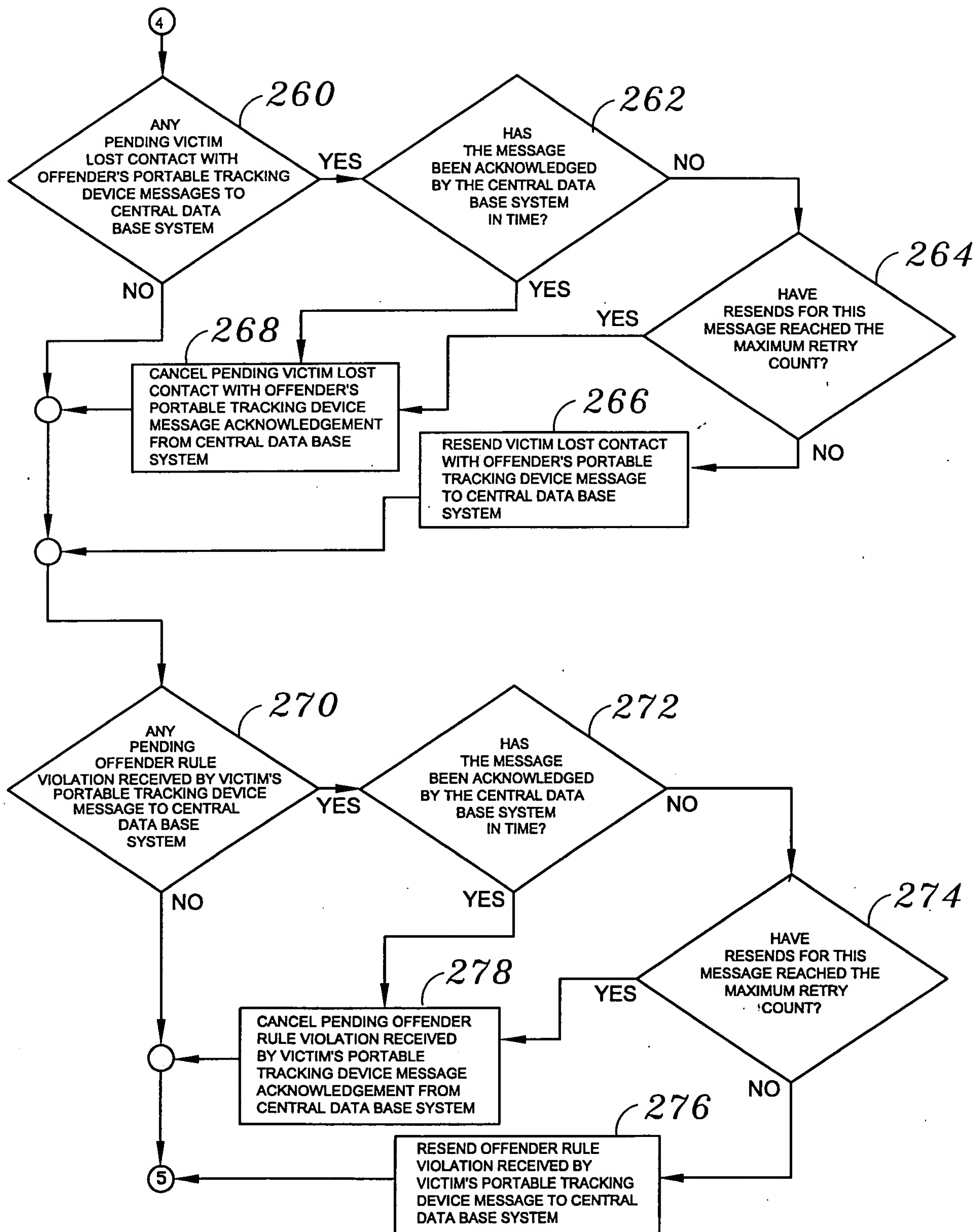


FIG. 3D

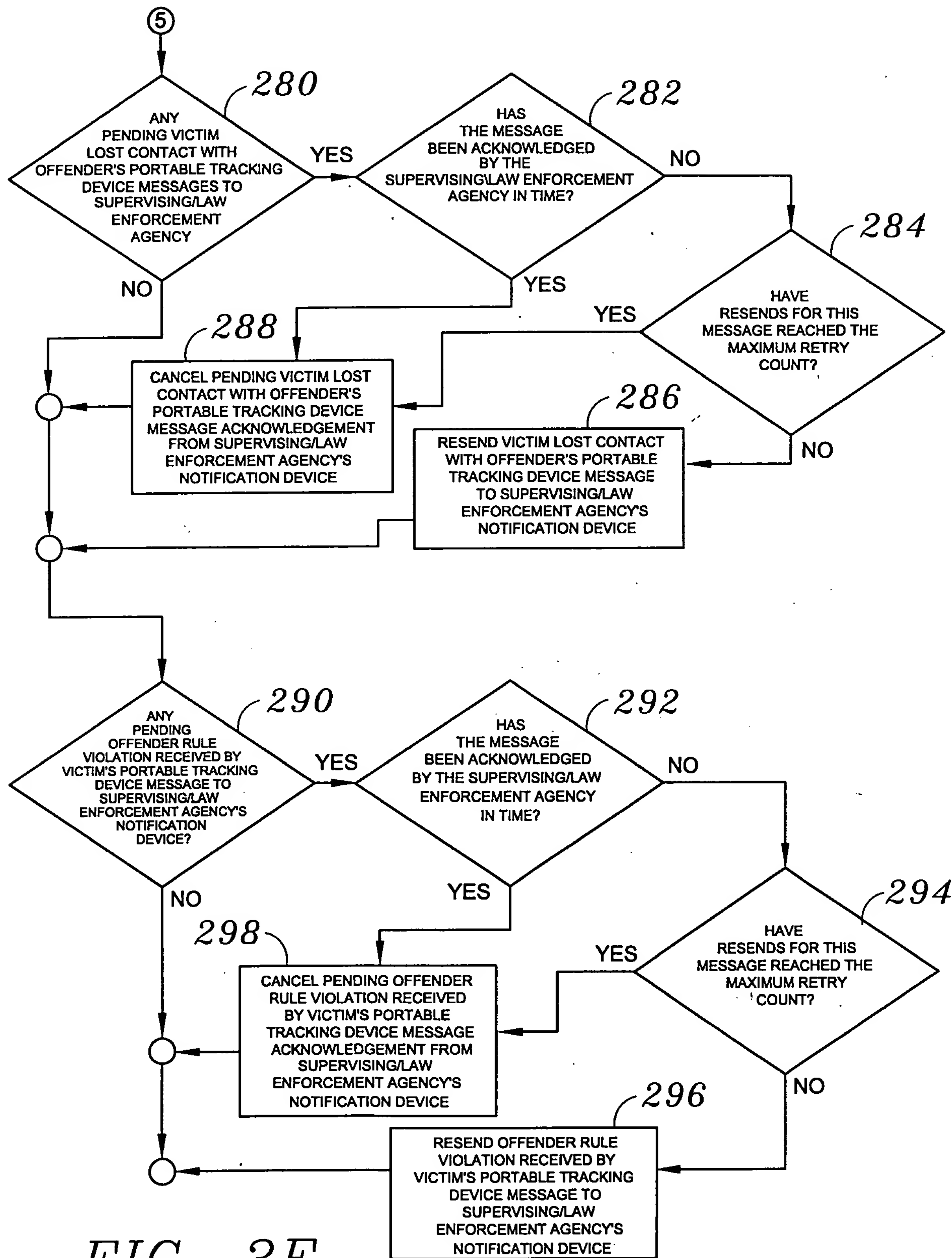
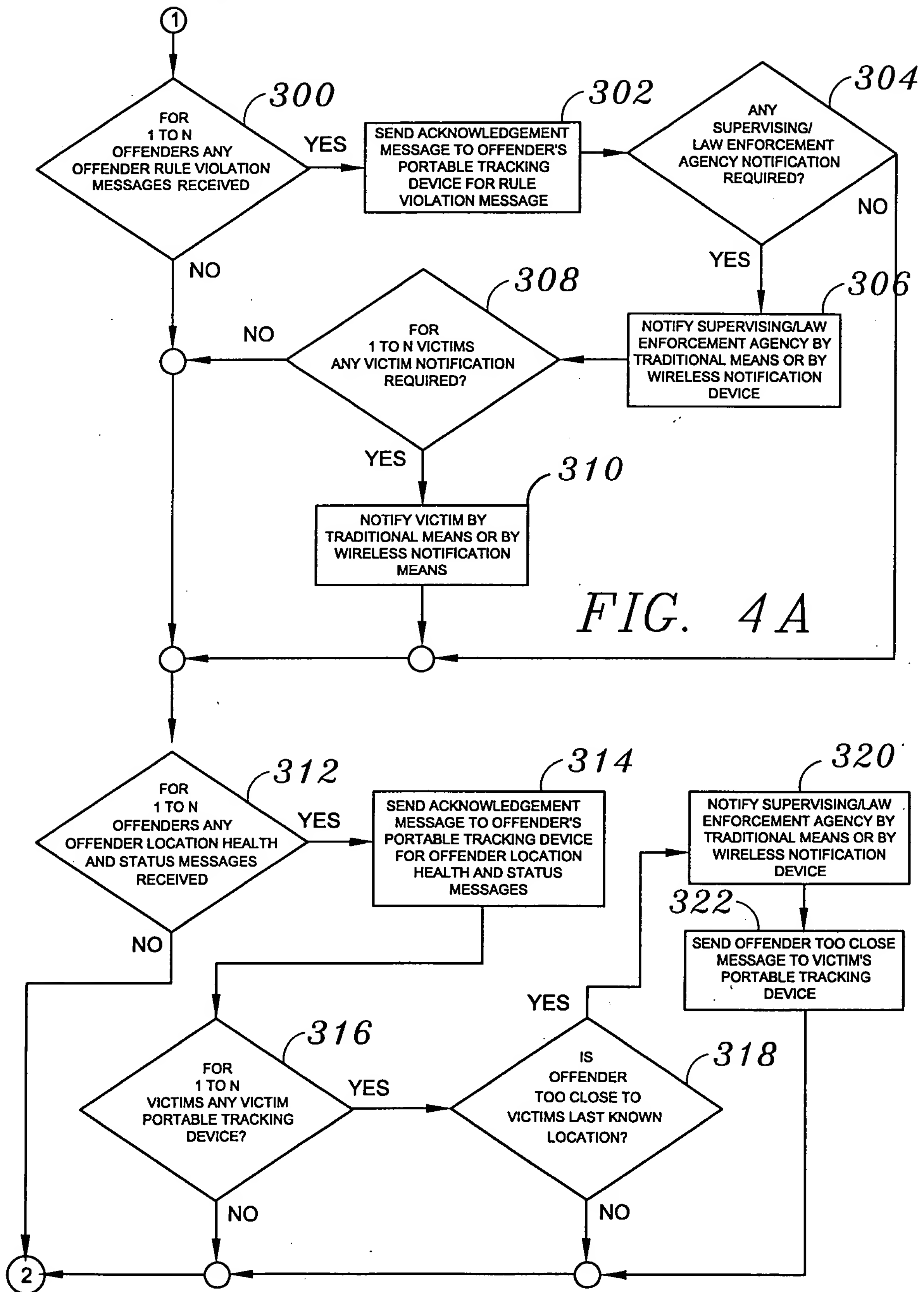


FIG. 3E



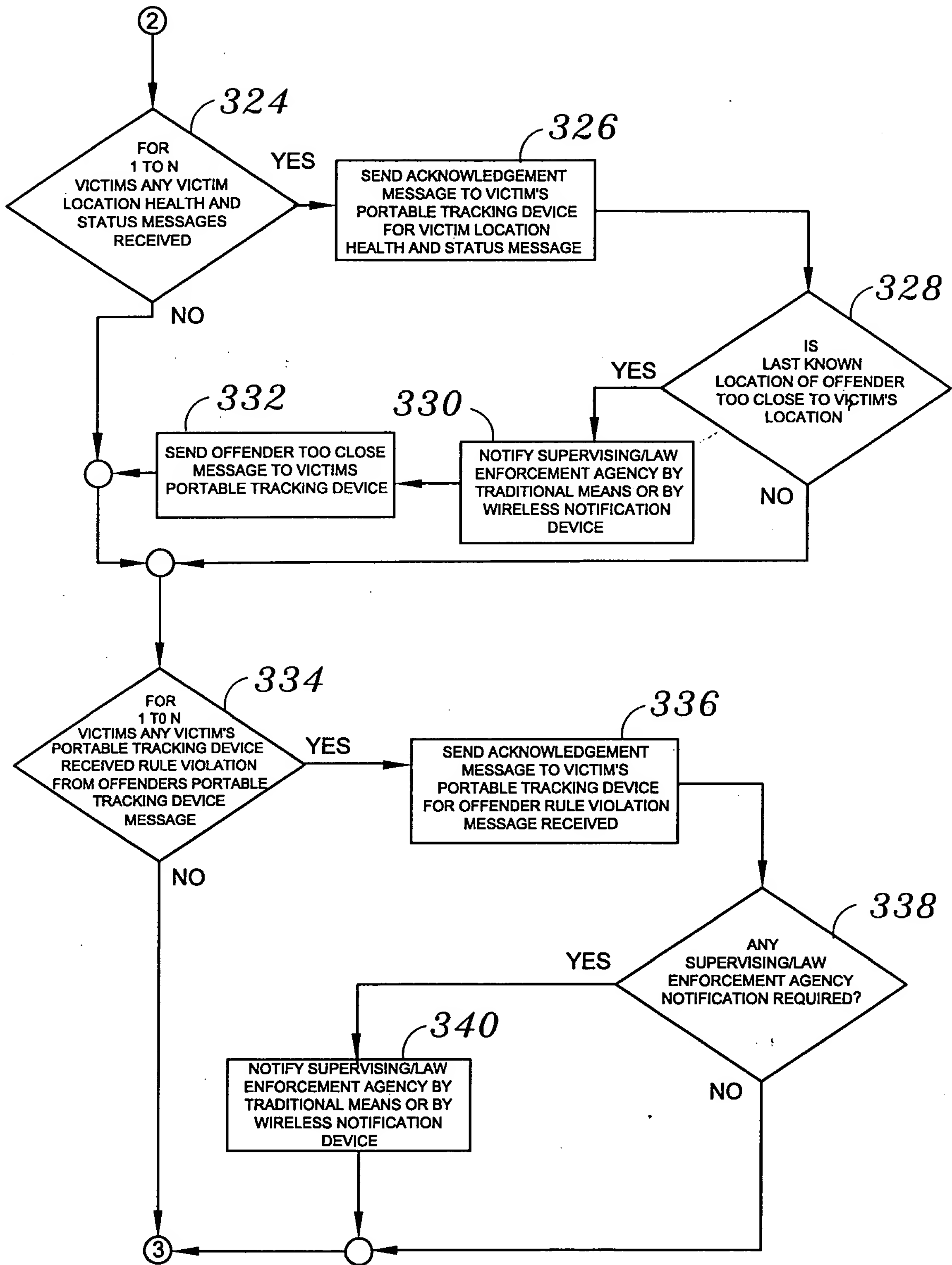


FIG. 4B

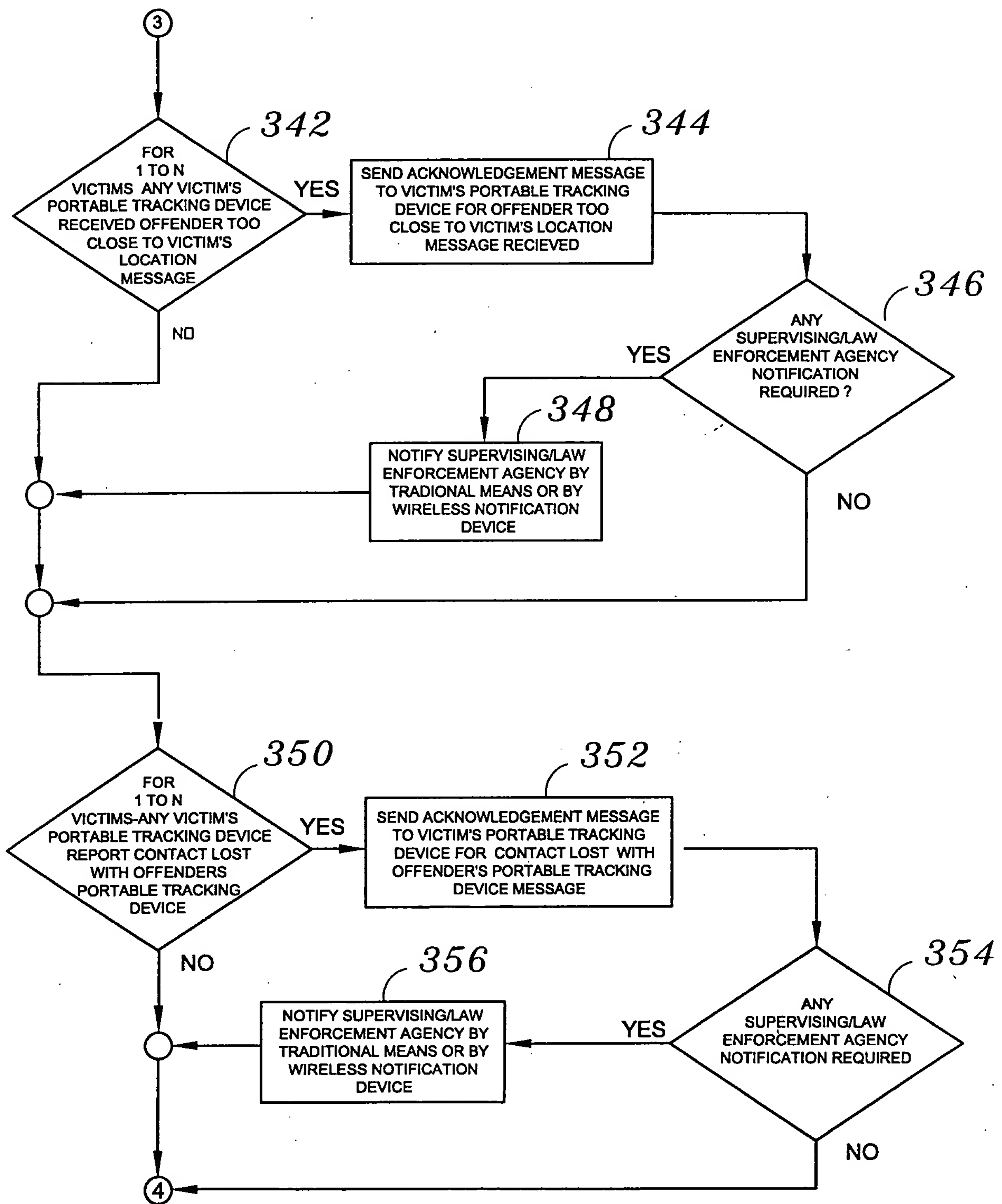


FIG. 4C

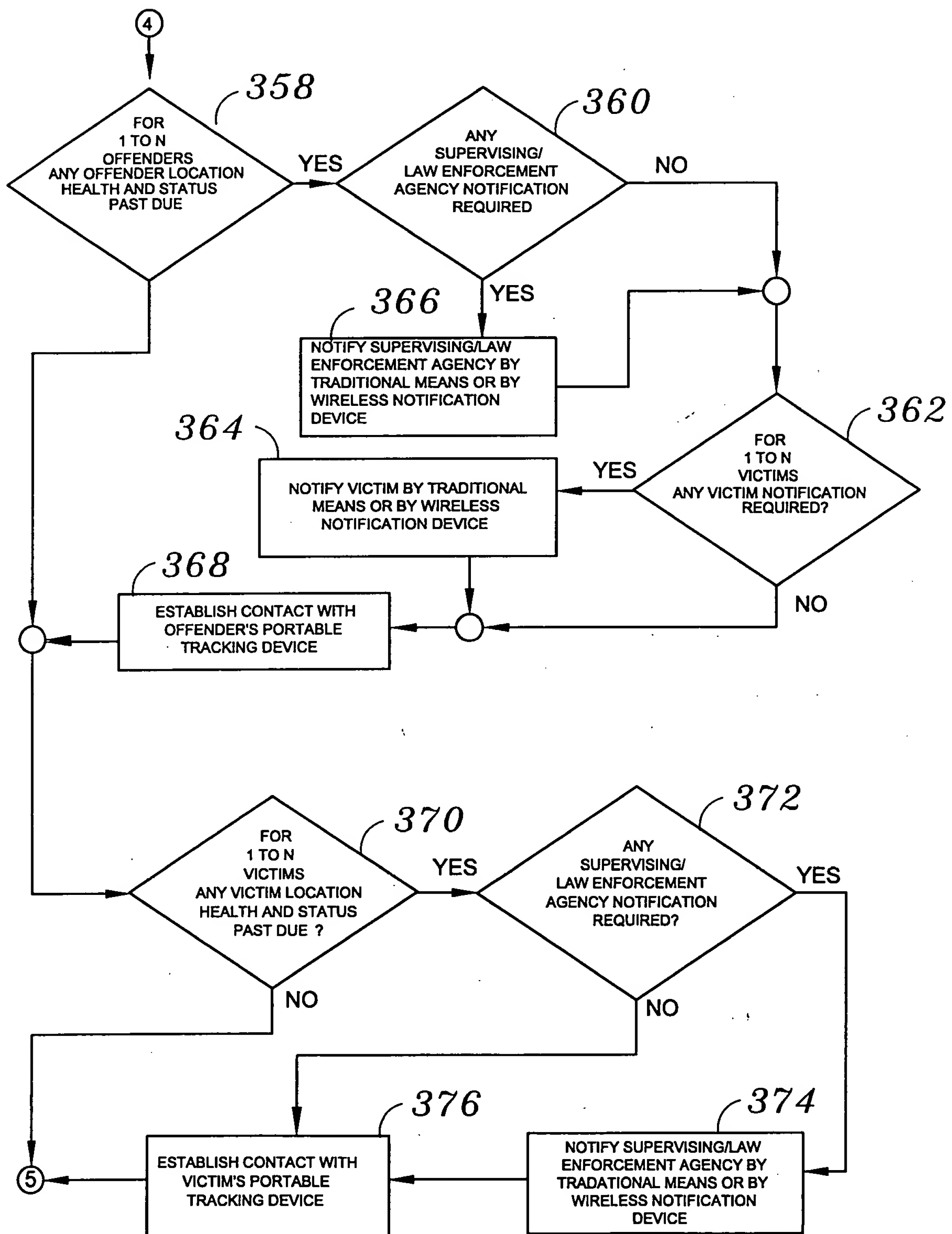


FIG. 4D

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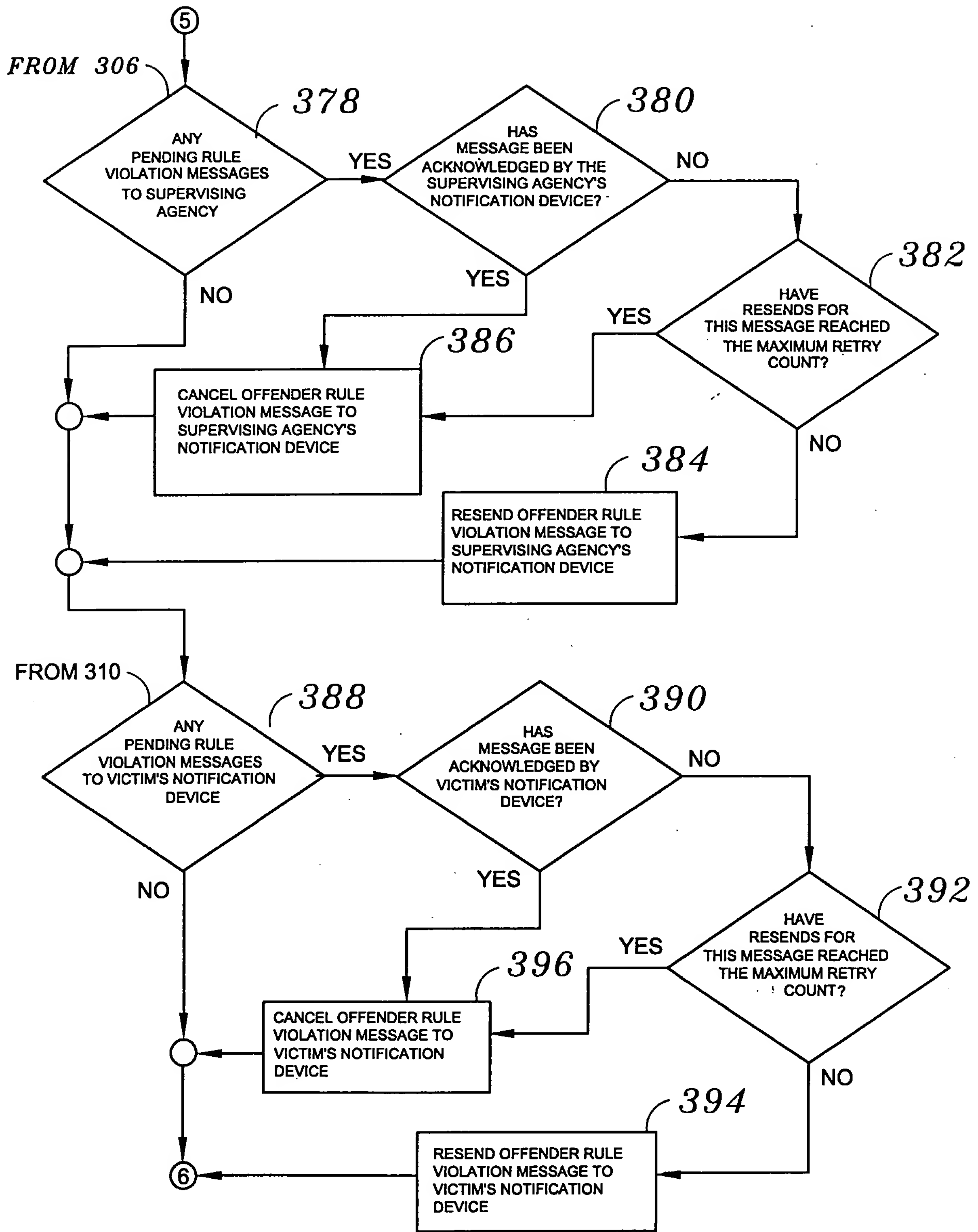


FIG 4E



FIG. 4F